

WEST**Freeform Search****Database:**

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Term:

fumonisin

Display: **Documents in Display Format:** **Starting with Number** **Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

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Search History**DATE:** Thursday, July 24, 2003 [Printable Copy](#) [Create Case](#)

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<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L4</u>	fumonisin	143	<u>L4</u>
<u>L3</u>	aal toxin	26	<u>L3</u>
<u>L2</u>	fumonisin b2	19	<u>L2</u>
<u>L1</u>	fumonisin b1	47	<u>L1</u>

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=> d his

(FILE 'HOME' ENTERED AT 12:47:44 ON 24 JUL 2003)

FILE 'CA, MEDLINE' ENTERED AT 12:48:04 ON 24 JUL 2003

FILE 'CA, BIOSIS, MEDLINE' ENTERED AT 12:48:13 ON 24 JUL 2003

L1 3966 S FUMONISIN?
L2 2790 S FUMONISIN B1

=>

> d 2782 ab,bib

L2 ANSWER 2782 OF 2790 MEDLINE on STN
AB Leukoencephalomalacia (LEM) was induced by the oral administration of
fumonisin B1 (FB1) to 2 horses: a filly received 59.5
mg/kg of a 50% preparation of FB1, administered in 21 doses of 1.25-4
mg/kg over 33 days; a colt, 44.3 mg/kg of 95% pure FB1 in 20 doses of 1-4
mg/kg in 29 days. Both animals developed nervous signs such as apathy,
changes in temperament, inco-ordination, walking into objects, and one
showed paralysis of the lips and tongue. Characteristic lesions of LEM
were present in the brains. These trials proved conclusively that FB1 can
induce LEM in horses.
AN 91156281 MEDLINE
DN 91156281 PubMed ID: 2293136
TI Leukoencephalomalacia in two horses induced by oral dosing of
fumonisin B1.
AU Kellerman T S; Marasas W F; Thiel P G; Gelderblom W C; Cawood M; Coetzer J
A
CS Veterinary Research Institute, Onderstepoort, Republic of South Africa.
SO ONDERSTEPSOORT JOURNAL OF VETERINARY RESEARCH, (1990 Dec) 57 (4) 269-75.
Journal code: 0401107. ISSN: 0030-2465.
CY South Africa
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199104
ED Entered STN: 19910428
Last Updated on STN: 19910428
Entered Medline: 19910411

=> s aal toxin
L3 167 AAL TOXIN

=> d 167

L3 ANSWER 167 OF 167 MEDLINE on STN
AN 92140498 MEDLINE
DN 92140498 PubMed ID: 1780003
TI Toxicity of the mycotoxins fumonisins B1 and B2 and Alternaria alternata
f. sp. lycopersici toxin (AAL) in cultured mammalian cells.
AU Shier W T; Abbas H K; Mirocha C J
CS Department of Medicinal Chemistry, University of Minnesota, St. Paul
55108.
SO MYCOPATHOLOGIA, (1991 Nov) 116 (2) 97-104.
Journal code: 7505689. ISSN: 0301-486X.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199203
ED Entered STN: 19920329
Last Updated on STN: 19970203
Entered Medline: 19920312

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